

ABSTRACT

A fuel-injection system, in particular for the direct injection of fuel into a combustion chamber of an internal combustion engine, has a cylinder head in which fuel lines are positioned, and at least two fuel injectors. The fuel injectors each have an actuator and a valve needle which is in operative connection with the actuator. On the discharge side of the valve needle a valve-closure member is formed which, together with a valve-seat surface, forms a sealing seat. The at least two fuel injectors are situated in valve-receiving openings, and the fuel lines discharge into the valve-receiving openings and, in addition, into a fuel connection arranged in the side of the individual fuel injector. The fuel lines are interconnected in the cylinder head.